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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
Sheet	1	of	3	Application Number	
				Filing Date	Herewith
				First Named Inventor	Kuo-Ching Lju
				Group Art Unit	2818
				Examiner Name	P. DANG
				Attorney Docket Number	NWAV 1002-2

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
P.D.	A1	3,626,141		Daly	12-07-1971	
	A2	3,814,895		Fredriksen	06-04-1974	
	A3	3,816,700		Weiner et al.	06-11-1974	
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	A11	5,057,664		Johnson et al.	10-15-1991	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁴ (If known)				
P.D.	B1		WO 00/75983		Kulicke & Soffa	12-14-2000		
↑	B2		EP 1137072		Matsushita Electric	09-26-2001		
	B3		JP 10064854		Hewlett Packard	03-06-1998		
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	B8		JP 56006451		Mitsubishi Electric	01-23-1981		
	B9		JP 57066650		Toshiba Corp	04-22-1982		
P.D.	B10		JP 57081985		Toshiba Corp	05-22-1982		

Examiner Signature	PHUC T. DANG	Date Considered	1/4/05
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Sheet		2	of	3	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	
					Herewith Kuo-Ching Liu NWAV 1002-2	

U.S. PATENT DOCUMENTS						
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↑	A22	5,961,852		Rafia-Yuan et al.	10-05-1999	
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		Office ³	Number ⁴				
PD	B11		JP 58044738	Toshiba Corp	03-15-1983		
PD	B12		JP 58044739	Toshiba Corp	03-15-1983		
PD	B13		JP 58068946	Toshiba Corp	04-25-1983		
	B14						
	B15						
	B16						
	B17						
	B18						
	B19						
	B20						

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	Application Number				
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	First Named Inventor	Kuo-Ching Liu			
	Group Art Unit	2818			
	Examiner Name	P. DANG			
Sheet	3	of	3	Attorney Docket Number	NWAV 1002-2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PD	C1	"Porous Tungsten & Molybdenum," available at http://www.spectramat.com/pormotun.html .	
	C2	SOILMOISTURE EQUIPMENT CORP., Catalog, available at http://www.soilmoisture.com/ceramics.html .	
	C3	SOILMOISTURE, "Porous Ceramics Catalog," available at http://www.soilmoisture.com .	
	C4	Spectra-Physics Business Units: Products "Navigator II" (10-07-2002), 2 pages, see http://www.splasers.com/products/oem_products/fcb_yhp_series.html .	
	C5	Spectra-Physics: Products "Navigator I" (10-07-2002), 2 pages, see http://www.splasers.com/products/oem_products/navigator1.html .	
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